1

SEQUENCE LISTING

<110> CHAMBON, PIERRE
GHYSELINCK, NORBERT B.
SCHNUTGEN, FRANK

<120> METHOD FOR THE STABLE INVERSION OF DNA SEQUENCE BY
SITE-SPECIFIC RECOMBINATION AND DNA VECTORS AND
TRANSGENIC CELLS THEREOF

<130> 065691/0219

<140> 09/843,150
<141> 2001-04-30

<160> 56

<170> PatentIn Ver. 2.1

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<223> Description of Artificial sequence: R1
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<220>
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synthetic oligonucleotide

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<223> Description of Artificial sequence: R3
synthetic oligonucleotide

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g   61

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<223> Description of Artificial sequence: R4
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c   61

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cgaccct   67

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<223> Description of Artificial sequence: R6
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<400> 6
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ggatcca   67

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<210> 8
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<223> Description of Artificial sequence: R8
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<400> 8
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<223> Description of Artificial sequence: R9
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<223> Description of Artificial sequence: R10
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<400> 10
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<223> Description of Artificial sequence: R11
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<400> 11
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<210> 13
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<223> Description of Artificial sequence: Synthetic
      oligonucleotide

<400> 13
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<223> Description of Artificial sequence: Synthetic
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<223> Description of Artificial sequence: G1
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<223> Description of Artificial sequence:  G4
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<223> Description of Artificial sequence:  G5
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<223> Description of Artificial sequence:  G6
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<223> Description of Artificial sequence:  G8
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<223> Description of Artificial sequence:  G9
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<210> 24
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<223> Description of Artificial sequence:  G10
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<210> 25
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<223> Description of Artificial sequence:  G10
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<210> 26
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<223> Description of Artificial sequence: G12
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<210> 27
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<223> Description of Artificial sequence: G13
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<210> 28
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<223> Description of Artificial sequence: G14
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<400> 28
aagccaagca tcaccatcga cccataactt cgtataatgt atactatacg aagttatgtt 60

<210> 29
<211> 60
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<223> Description of Artificial sequence: G15
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aacataactt cgtatagtat acattatacg aagttatggg tcgatggtga tgcttggctt 60

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<223> Description of Artificial sequence:  J1
      synthetic oligonucleotide

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actagtggat cccccgggct gcaggaattc taccgggtag gggaggcgct t          51


<210> 31
<211> 79
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<223> Description of Artificial sequence:  J2
      synthetic oligonucleotide

<400> 31
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agaagaactc gtcaagaag                                              79


<210> 32
<211> 58
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<223> Description of Artificial sequence:  J3
      synthetic oligonucleotide

<400> 32
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<210> 33
<211> 58
<212> DNA
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<220>
<223> Description of Artificial sequence:  J4
      synthetic oligonucleotide

<400> 33
ggaagttcct atactttcta gagaatagga acttctggtt gaattcctcg cgagagct    58


<210> 34
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<223> Description of Artificial sequence:   J5
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<210> 35
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<223> Description of Artificial sequence:   J6
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<400> 35
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a                                                                  61


<210> 36
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<223> Description of Artificial sequence:   J7
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gagctcataa cttcgtataa tgtatgctat acgaagttat ccaagcatca ccatatgca   59


<210> 37
<211> 59
<212> DNA
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<223> Description of Artificial sequence:   J8
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<400> 37
tatggtgatg cttggataac ttcgtatagc atacattata cgaagttatg agctctgca   59


<210> 38
<211> 41
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<223> Description of Artificial sequence:   J9
      synthetic oligonucleotide
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tcgacataac ttcgtataat gtatactata cgaagttata c                        41


<210> 39
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<223> Description of Artificial sequence:  J10
      synthetic oligonucleotide

<400> 39
tcgagtataa cttcgtatag tatacattat acgaagttat g                        41


<210> 40
<211> 48
<212> DNA
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      synthetic oligonucleotide

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tcgaagaagt tcctaatcta tttgaagtat aggaacttcg cggccgca                 48


<210> 41
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<223> Description of Artificial sequence:  J12
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<400> 41
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<210> 42
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<223> Description of Artificial sequence:  J13
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<400> 42
ccggtccttg gcctggaatt tgcactctgt tgacaaccat tgtctcct                 48


<210> 43
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<212> DNA
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<210> 44
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<400> 44
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<400> 45
ctccaccgct gaatgaaaag cagcatggtt gtggcaagct tatcat   46

<210> 46
<211> 18
<212> DNA
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<223> Description of Artificial sequence: Synthetic
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<400> 46
taacaatttc acacagga   18

<210> 47
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<400> 48
ccagtgagca gagtgacg                                                    18


<210> 49
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<223> Description of Artificial sequence:  Neo1
      synthetic oligonucleotide

<400> 49
accgcttcct cgtgctttac                                                  20


<210> 50
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<223> Description of Artificial sequence:  Q1
      synthetic oligonucleotide

<400> 50
gaggactcga gctcaagc                                                    18


<210> 51
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<223> Description of Artificial sequence:  Neo2
      synthetic oligonucleotide

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gccttcttga cgagttcttc                                                  20
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<210> 52
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<223> Description of Artificial sequence: LoxP1
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<223> Description of Artificial sequence: Lox511
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<223> Position 1050 loxP1 site, sense

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